

S/A  
SUBJECT TO REVISIONRevision of PW #753  
U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY

O.M.B. No. 1660-0017

## PROJECT WORKSHEET

Public reporting burden for this form is estimated to average 90 minutes. Burden means time, effort and financial resources expended by persons to generate, maintain, disclose, or to provide information to us. You may send comments regarding the burden estimate or any aspect of the collection, including suggestions for reducing the burden to: Information Collection Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472. Paperwork Reduction Project (OMB Control number 1660-0017). You are not required to respond to this collection information unless a valid OMB number appears in the upper right corner of this form. NOTE: Do not send your completed questionnaire to this address.

DECLARATION NO.	PW REF NO.	DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA 1817 DR WA	RHGA027	05/13/09	000-UO3NH-00	A	
APPLICANT				WORK COMPLETED AS OF:	
Washington Department of Fish and Wildlife				DATE:	PERCENT:
				03/02/09	55%
DAMAGED FACILITY				COUNTY	
Hatchery grounds and facilities				PACIFIC	
LOCATION				LATITUDE	LONGITUDE
Grays River Hatchery				N 46.38577	W 123.56012

Was this site previously damaged? ☐ Yes ☒ No ☐ Unsure

## DAMAGE DESCRIPTION AND DIMENSIONS:

During the incident event period, January 6 thru 16th, 2009 the Willapa Hills region was subject to torrential rains. The Gray's River rose to nearly unprecedented flood levels as a result of rain and melting snow. At the Gray's River Hatchery, a facility owned and operated by the Washington Department of Fish and Wildlife, river flows inundated the facility grounds resulting in gravel, sand and silt deposits extensively around the site with further incidental damage from flood-transported debris. See the Damage Description Continuation for detailed description.

Grays River Hatchery is located on Shannon Road 2.05 miles north of the junction of that road with Ocean Beach Highway (State Route 4). GPS listed for the facility was taken at the entrance bridge.

This facility is partially funded for general operations and maintenance by the Mitchell Act and does not constitute duplication in Federal funding with the Stafford Act.

## SCOPE OF WORK:

See the Continuation Sheet for Scope of Work for Completed Work and for Work to be Completed

The sub grantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all federal awards and other sub grantee activities and are not included in any approved indirect cost rates.

Does the Scope of Work change the pre-disaster conditions at the site? ☐ Yes ☒ NoSpecial Considerations issues included? ☐ Yes ☒ NoIs there Insurance coverage on this facility? ☐ Yes ☒ NoHazard Mitigation proposal included? ☐ Yes ☒ No

## PROJECT COST

ITEM	CODE	NARRATIVE	QUANTITY	UNIT	UNIT PRICE	COST
1	9901	Direct Administrative Costs (Subgrantee)	1	EA	\$ 376.43	\$ 376.43
2		Work Completed				\$
3	9004	Rented Equipment	1	L.S.	\$ 4,117.70	\$ 4,117.70
4	9008	Equipment	1	L.S.	\$ 5,280.00	\$ 5,280.00
5		Work to be Completed				\$
6	1020	Debris (Waterway)	929	c.y.	\$ 8.00	\$ 7,432.00
			3,352.1			\$ 26,821.60
						\$
						\$
						\$

SUBTOTAL FROM COST CONTINUATION PAGE(S) \$

TOTAL PROJECT COST \$ 17,208.13

PREPARED BY: Bob Gietz

TITLE: WA-EMD Project Officer

3654573

FEMA PAC CREW LEADER: Larry Dogaro

STATE PAC: Jon Holmes

APPLICANT: Sterling Jones

DATE: 6-2-09

PHONE: 360-902-8384

revised

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EXT-73H-U-809 ✓

## FEDERAL EMERGENCY MANAGEMENT AGENCY

## DAMAGE DESCRIPTION &amp; SCOPE OF WORK

DECLARATION NO.				PW REF NO.	DATE	FIPS NO.	CATEGORY	NEMIS NO.
FEMA	1817	DR	WA	RHGA027	05/13/09	000-UO3NH-00	A	
APPLICANT							COUNTY	
Washington Department of Fish and Wildlife							PACIFIC	

## DAMAGE DESCRIPTION &amp; SCOPE OF WORK (CONTINUED):

**Damage Description, Continued**

The parking area 300 ft. by 102 ft was covered with an average of 1 ft of sand/silt, which has been removed by Applicant Force Account. Below the bridge, obstructing drainage from the abatement pond, 100 ft x 50 ft. x 6 ft. was deposited. Above the bridge in the channel to the Fish Ladder, 50 ft x 100 ft by 4 ft deposited. Further deposition above the road near the residences covered an area 200 ft by 8 ft with 3 ft of sand silt, which has been removed. An additional area of slope needs removal of 200 ft by 8 ft by 2 ft. Adult rearing pond #1, 70 ft by 40 ft has sand silt debris to a depth of 3 ft. Adult rearing pond #2, 70 ft by 40 ft has sand silt debris to a depth of 1 ft. In the river channel vicinity At the Adult Rearing pond drain to the river, an accumulation of 8 ft x 25 ft x 6 ft obstructs the pond drain. At the Fish Ladder debris accumulated in two areas 6 ft x 36 ft x 4 ft. and 6 ft x 25 ft. x 2 ft., plus an area 30 ft by 5 ft by 8 ft. which blocks the ladder outlet. At the Upper Hatchery drain a deposit of 50 ft. x 20 ft. x 5 ft of river debris backed water up into the Incubator Building. The Upper Intake has depositions of 40 ft x 20 ft x 8 ft. which has been removed and remaining ; 20 ft x 30 ft x 6 ft; and 4 ft x 4 ft x 30 ft with a channel section 20 ft x 200 ft x 4 ft.

Other than debris and silt deposition additional damage from flood borne debris in transit thru the areas destroyed a section of 2-rail, 3 ft 6 inch high hand rail ( two sections 24 ft long with 6 posts each section adjoining the ladder/walkway. A grip strut catwalk 6 ft by 8 ft was carried away At the Upper Intake an additional 30 ft section of 2-rail safety railing was destroyed Erosion near the Upper Intake sheet pile wall carried away a section of Rip[ rap 6 ft x 10 ft x 4.5 ft which will need 2-3 man rock to replace it These permanent repair items are the subject of another PW for this site.

**Scope of Work (continued)**

Debris removal areas dimensions and volumes have been tabulated in an accompanying table. Work elements and cost estimates to follow are based on tabulated values.

**Work Completed**

Using Force Account equipment for 132 hours, rented excavator for 37 hours and 169 hours of uncompensated regular time, Applicant removed sand/silt 300 ft. x 102 ft. x 1 ft./27 (1133 c.y.) from the parking area, 200 ft by 8 ft x 3 ft /27( 178 c.y.) above the road in the ditch, Upper Intake removed 40 ft. x 20 ft. x 8 ft./27 (237 c.y.) Costs for this work from the Force Account Summary are:

9004	Rented Equipment	\$4,117.70
9008	Equipment	\$5,280.00

**Work to be completed**

Cost for remaining debris removal has been determined from the tabulated volume to be removed (~~929 c.y.~~) and the FEMA unit cost for Code 1020 Debris Waterway area (\$8.00/c.y.)

3,352.7 c.y.

DS - PAC

8/31

In addition, an HPA will be required to perform the debris removal from the river channel. Regular time labor for filling out the required JARPA and applying for HPA this permit has been estimated at \$1541.31 for 41.5 hours of staff member Marty Peoples at regular time rate. This work is Emergency (Category A Debris removal) therefore the regular time is ineligible.

PREPARED BY: Bob Gietz

TITLE: WA-EMD Project Officer

GRAY'S RIVER HATCHERY DEBRIS REMOVAL BY SITE							
	Dimensions(FT.)			Volume, c.y.	Work completed	Work to be completed	
	Length	Width	Depth				
Parking Area	300	102	1	1133.3	1133.3		
Below Bridge	100	50	6	1111.1		1111.1	
Above Bridge, to FL	50	100	4	740.7		740.7	
In ditch, above road	200	8	3	177.8	177.8		
Additional slope work	200	8	2	118.5		118.5	
Adult pond #1	70	40	3	311.1		10.4	
Adult pond #2	70	40	1	103.7		311.1	
Adult Pond Drain	8	25	6	44.4		44.4	
Upper Fish ladder	6	36	4	32.0		32.0	
Lower Fish Ladder	6	25	2	11.1		11.1	
Fish Ladder Outlet	30	5	8	44.4		44.4	
Upper Hatchery Drain	50	20	5	185.2		185.2	
Upper Intake	40	20	8	237.0	237.0		
Upper Intake Additional	20	30	6	133.3		133.3	
Intake box	30	4	4	17.8		17.8	
Bypass channel	200	20	4	592.6		592.6	
				TOTALS	1548.1	<del>928.9</del>	

3,352.7

FEMA CODE 1070 @ \$8.00/cy

3,352.7

x 2

\$ 26,821.60

WORK TO BE COMPLETED EST.

Revised  
OK  
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**SUBJECT TO REVISION**

U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY

O.M.B. No. 1660-0017

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**SCOPE OF WORK:**

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Does the Scope of Work change the pre-disaster conditions at the site? ☐ Yes ☒ No  
Special Considerations issues included? ☐ Yes ☒ No  
Is there insurance coverage on this facility? ☐ Yes ☒ No  
Hazard Mitigation proposal included? ☐ Yes ☒ No

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						\$ -
						\$ -
SUBTOTAL FROM COST CONTINUATION PAGE(S)						\$ -
TOTAL PROJECT COST						\$ 17,206.13

PREPARED BY: Bob Gietz

TITLE: WA-EMD Project Officer

FEMA PAC CREW LEADER: Larry Dogero

STATE PAC: Jon Holmes

APPLICANT: Sterling Jones

DATE: 6-2-09

PHONE: 360-902-8384

ENT-73H-U-809 ✓

## FEDERAL EMERGENCY MANAGEMENT AGENCY

**DAMAGE DESCRIPTION & SCOPE OF WORK**

DECLARATION NO.				PW REF NO.	DATE	FIPS NO.	CATEGORY	NEMIS NO.
FEMA	1817	DR	WA	RHGA027	05/13/09	000-UO3NH-00	A	

APPLICANT	COUNTY
Washington Department of Fish and Wildlife	PACIFIC

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PREPARED BY: Bob Gietz

TITLE: WA-EMD Project Officer

**SPECIAL CONSIDERATIONS**

DISASTER	APPLICANT NAME	PW REF NO.	FIPS NO.	DATE
1817 WA	Washington Department of Fish and Wildlife	RHGA027	000-UO3NH-00	05/13/09

1. Does the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.)

☐ Yes ☐ No ☒ Unsure

2. Is the damaged facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland?

☐ Yes ☒ No ☐ Unsure

Firmette indicates that the flood plain at this location is undefined (non-printed panel 5301260 060A)

3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area?

☐ Yes ☒ No ☐ Unsure

4. Will the proposed facility repairs/reconstruction change the pre-disaster condition? (e.g., footprint, material, location, capacity, use or function)

☐ Yes ☒ No ☐ Unsure

5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard proposal?

☐ Yes ☒ No ☐ Unsure

6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site?

☐ Yes ☒ No ☐ Unsure

Facility Constructed In: 1953

7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland?

☐ Yes ☒ No ☐ Unsure

8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work?

☐ Yes ☒ No ☐ Unsure

9. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work?

☐ Yes ☒ No ☐ Unsure

PREPARED BY: Bob Gietz